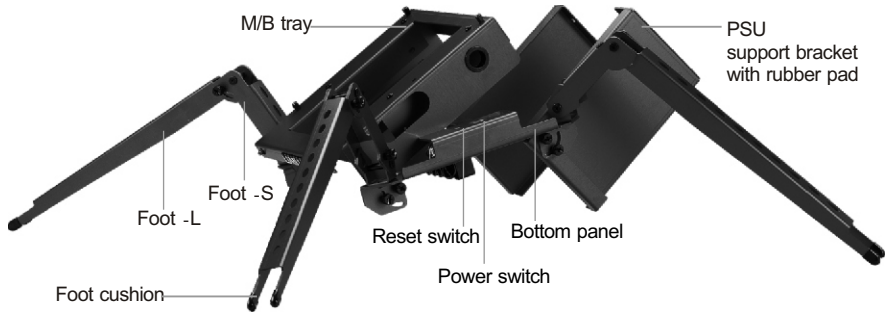
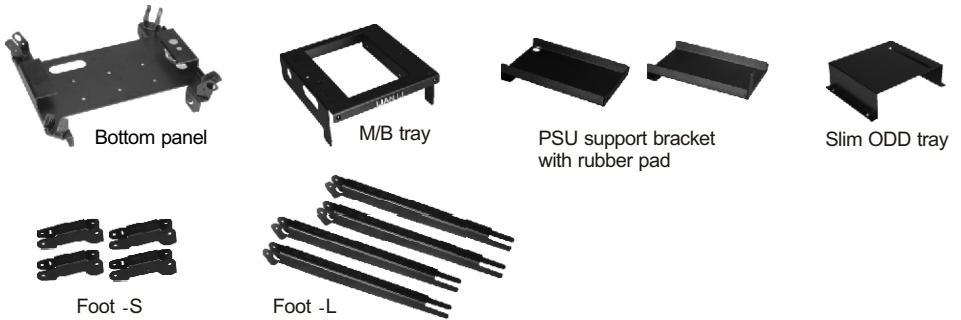


Mini-ITX Spider Test Bench

Case View



















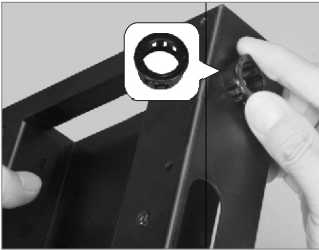
Case components



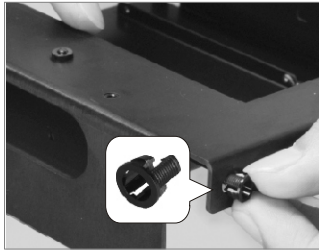
Hardware list

* Extra quantities are spare parts.

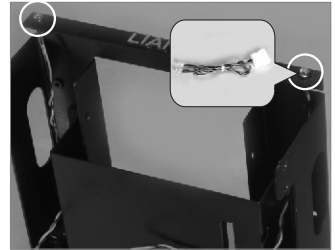
A	 Screw (4) M3 x 5mm to M/B assembling	B	 Thumb screw (16)	C	 Stand off (4) for M/B assembling
D	 Screw (4) for PSU mounting	E	 Screw 3x6mm (4) for slim ODD tray	F	 Screw (16) for foot
G	 Screw (4) M2 x 4mm for slim ODD	H	 Screw (4) #6-32 x 6mm for 3.5 HDD	I	 Round nut (8)
 Rubber ring (2) for cable		 LED rubber rings (2)		 Rubber pad (2) for PSU support bracket	
 Foot cushion (8)		 Hex wrench (1) for M/B stand-off		 LED cable (1)	
 Clamp (1) for cable mangement					



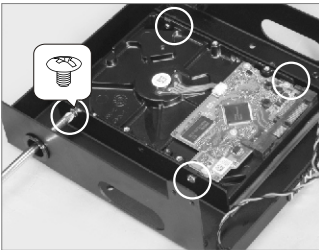
M/B tray with rubber rings



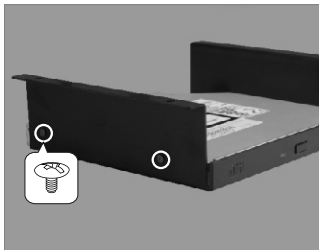
M/B tray with LED rubber rings



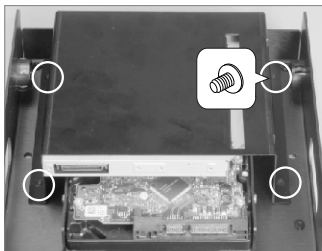
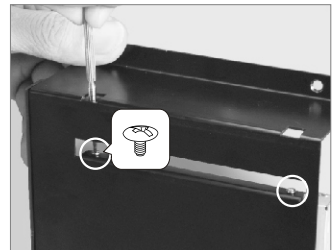
Assemble LED cable



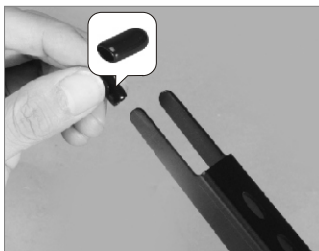
Place the HDD into the M/B tray, and use the "H" screw to secure



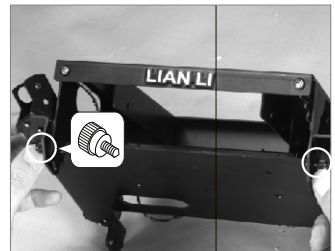
Place the slim ODD into the tray, and use the "G" screw to secure



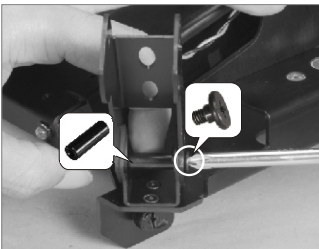
Use the "E" screw to secure slim ODD tray on the M/B tray



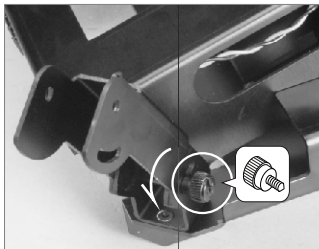
Foot-L with foot cushion



Use the "B" screw to secure M/B tray on the bottom panel



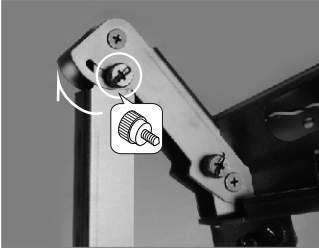
Use "I/F" (round nut / screw) to secure foot-S on the M/B tray



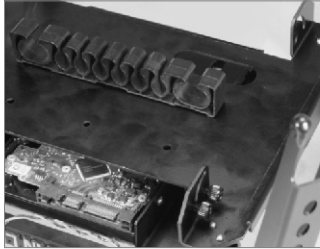
Use the "B" screws to secure the foot-S and adjust the angle



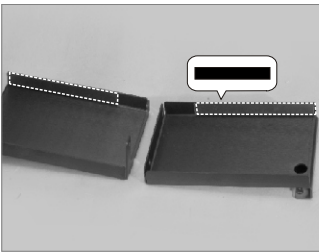
Use "I/F" (round nut / screw) to secure foot-S on the foot-L



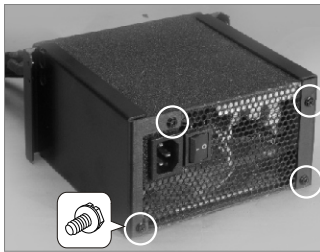
Use the "B" screws to secure the foot and adjust the angle



Bottom panel with clamp (to tidy up the cables)



PSU support bracket with rubber pad



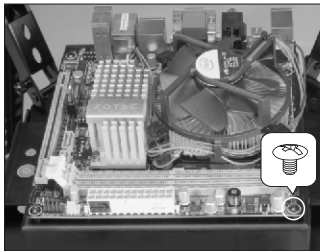
Use the "D" screws to secure the PSU support bracket with PSU



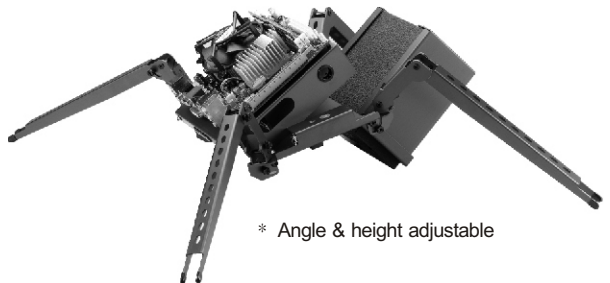
Use the "B" screws to secure the PSU with M/B tray and adjustable



Place the "C" stand-off on the M/B tray fix points
Tool: Hex wrench

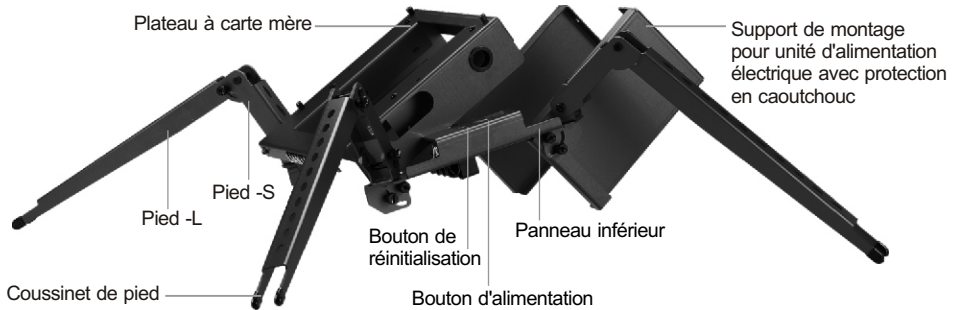


Place the M/B on the stand-off and fastened by the "A" screws

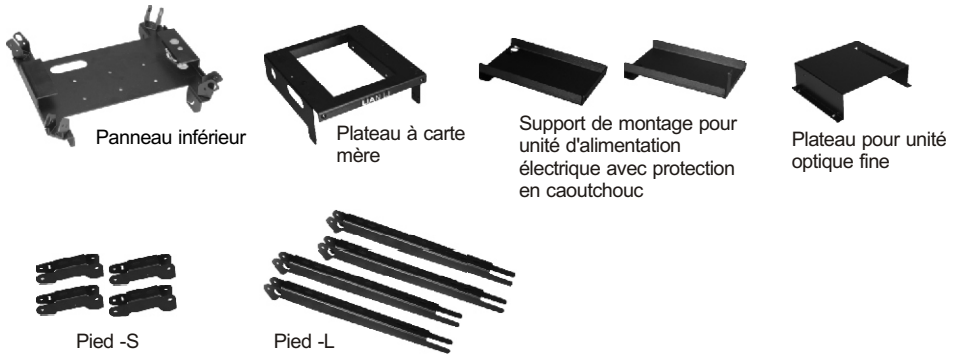


* Angle & height adjustable

Vue du boîtier



















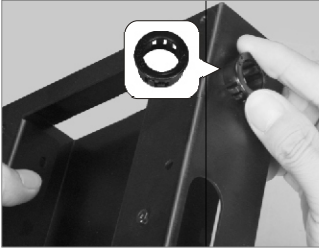
Composants du boîtier



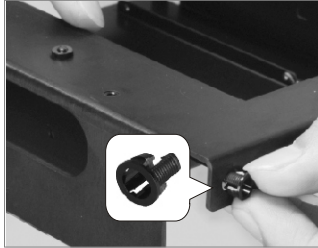
Liste des pièces

* Les pièces en surnombre sont des pièces de rechange.

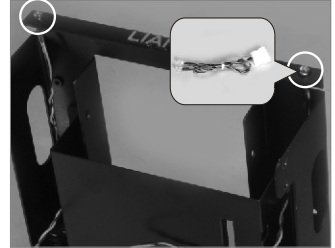
A	 Vis (4) pour montage de la carte mère M3 x 5mm	B	 Vis à serrage à main (16) pour panneau latéral	C	 Stand off (4) for M/B assembling
D	 Vis (4) pour le montage de l'unité d'alimentation électrique	E	 Vis (4) pour unité optique fine 3x6 mm	F	 Vis (16) pour pied
G	 Vis (4) pour unité optique fine M2 x 4mm	H	 Vis (4) pour disque dur de 3,5 pouces #6-32 x 6mm	I	 Écrou rond (8)
	Anneau en caoutchouc (2) pour câble		Anneaux en caoutchouc pour DEL (2)		Protection en caoutchouc (2) pour support de montage de l'unité d'alimentation électrique
	Coussinet de pied (8)		Clé hexagonale (1) pour entretoise de la carte mère		Câble pour DEL
	Pince (1) pour le rangement des câbles				



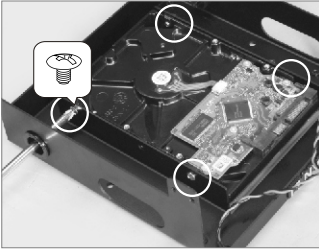
Plateau à carte mère avec anneaux en caoutchouc



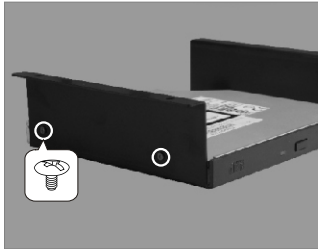
Plateau à carte mère avec anneaux en caoutchouc pour DEL



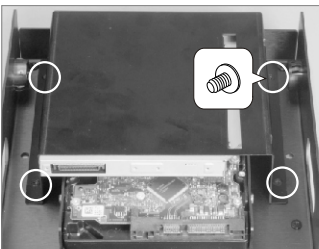
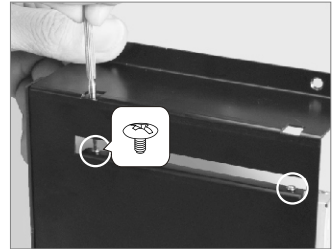
Installation du câble pour DEL



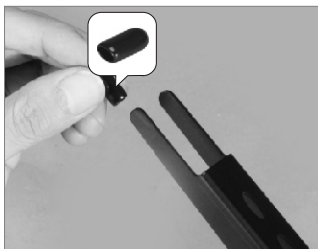
Placez le disque dur dans le plateau de la carte mère, et utilisez les vis "H" pour le fixer



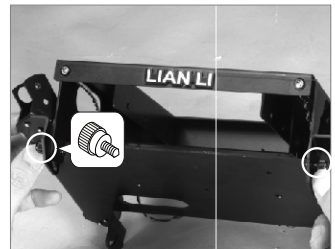
Placez l'unité optique fine dans son plateau, et utilisez les vis "G" pour la fixer



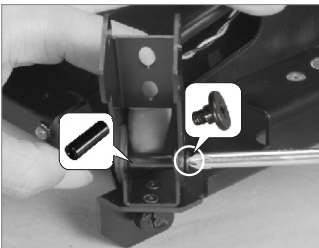
Utilisez les vis "E" pour fixer le plateau pour unité optique sur le plateau de la carte mère



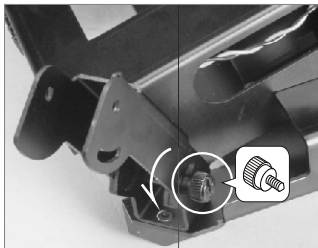
Pied-L avec coussinet



Utilisez les vis "B" pour fixer le plateau pour carte mère sur le panneau inférieur



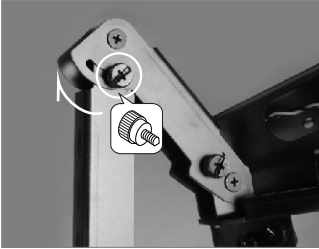
Utilisez "I / F" (écrou rond/vis) pour fixer le pied-S sur le plateau de la carte mère



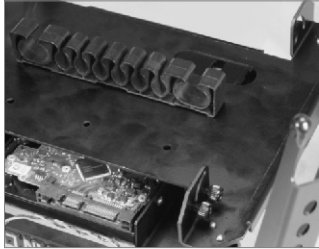
Utilisez les vis "B" pour fixer le pied-S et ajuster l'angle



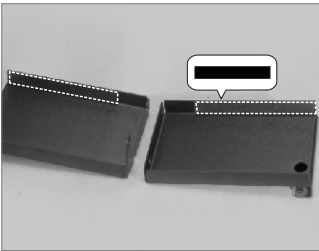
Utilisez "I / F" (écrou rond/vis) pour fixer le pied-S sur le pied-L



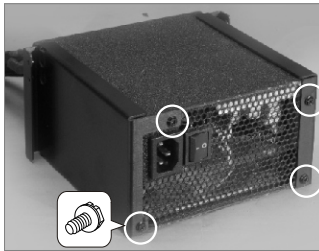
Utilisez les vis " B " pour fixer le pied et ajuster l'angle



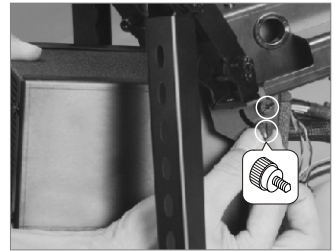
Panneau inférieur avec pince (pour ranger les câbles)



Support de montage pour unité d'alimentation électrique avec protection en caoutchouc



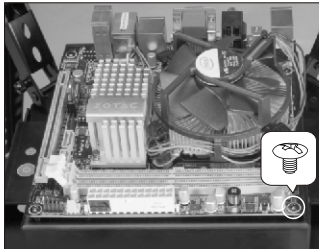
Utilisez les vis " D " pour fixer le support de montage de l'unité d'alimentation électrique sur l'unité



Utilisez les vis " B " pour fixer l'unité d'alimentation électrique sur le plateau de la carte mère



Placez les entretoises " C " sur les points de fixation du plateau de la carte mère. Outil : Clé hexagonale

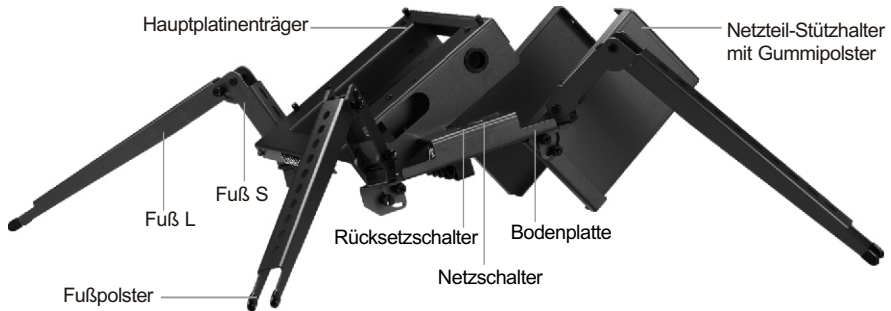


Placez la carte mère sur les entretoises et fixez-la à l'aide des vis " A "

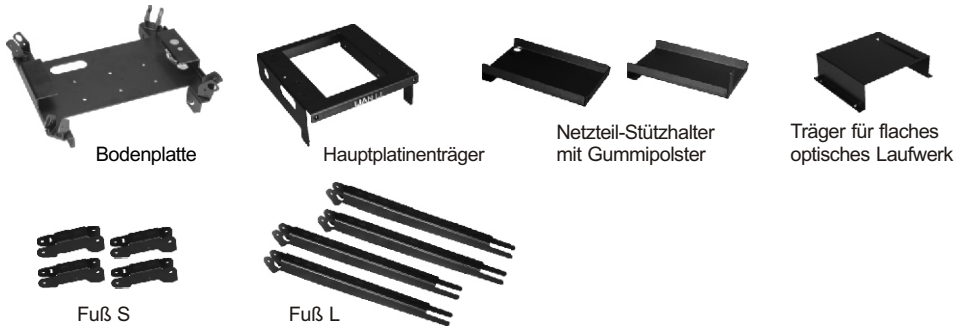


* Angle et hauteur réglables

Gehäuseansicht



















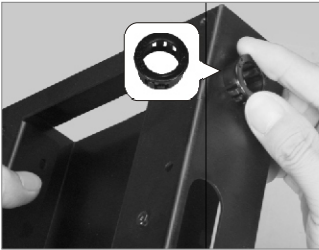
Einzelteile des Gehäuses



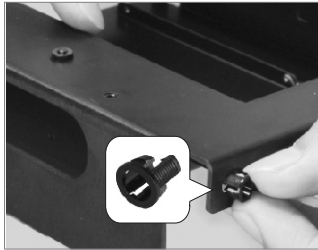
Liste der Kleinteile

* Zusätzliche Anzahl an Ersatzteilen.

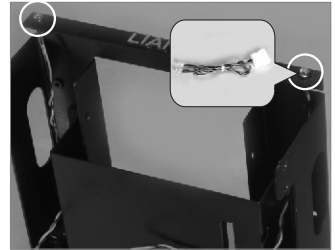
A	 Schraube(4) für Befestigung der Hauptplatine M3 x 5mm	B	 Rändelschraube (16)	C	 Abstandhalter (4) für Montage der Hauptplatine
D	 Schraube (4) für Befestigung des Netzteils	E	 3x6 mm Schraube (4) für flaches optisches Laufwerk	F	 Schraube (16) für Fuß
G	 Schraube(4) für flaches optisches Laufwerk M2 x 4mm	H	 Schraube (4) für 3,5-Zoll-Festplatte #6-32 x 6mm	I	 Rundmutter (8)
 Gummiring (2) für Leitungskabel		 LED-Gummiringe (2)		 Gummipolster (2) für Netzteil-Stützhalter	
 Fußpolster (8)		 Sechskantschlüssel (1) für Abstandhalter der Hauptplatine		 LED-Kabel (1)	
 Klammer (1) für Kabelverwaltung					



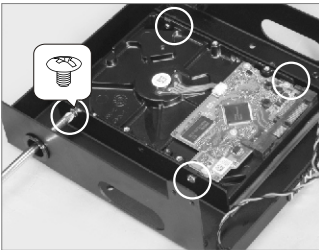
Hauptplatinenträger mit Gummiringen



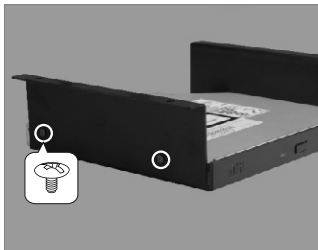
Hauptplatinenträger mit LED-Gummiringen



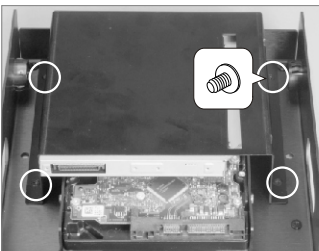
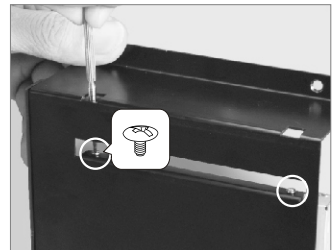
Bringen Sie das LED-Kabel an.



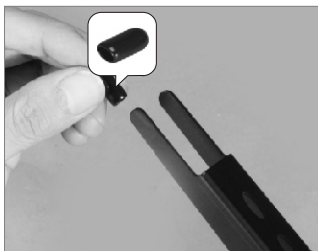
Legen Sie die Festplatte auf den Hauptplatinenträger und befestigen Sie sie mit Schraube "H".



Legen Sie das flache optische Laufwerk auf den Träger und befestigen Sie es mit Schraube "G".



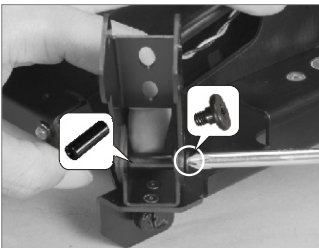
Befestigen Sie den Träger des flachen optischen Laufwerks mit Schraube "E" am Hauptplatinenträger.



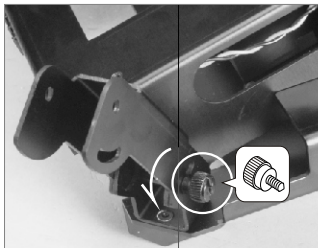
Fuß -L mit Fußpolster



Befestigen Sie den Hauptplatinenträger mit Schraube "B" an der Bodenplatte.



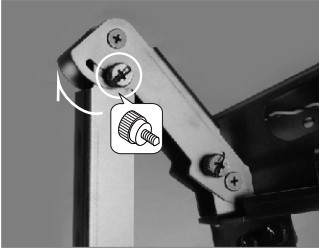
Befestigen Sie den Fuß -S mit "I/F" (Rundmutter/Schraube) am Hauptplatinenträger.



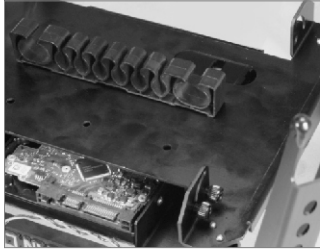
Befestigen Sie den Fuß -S mit Schraube "B" und stellen Sie den Winkel ein.



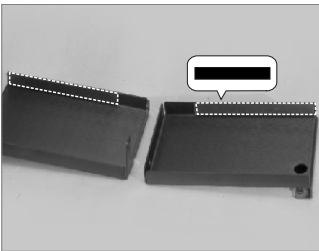
Befestigen Sie den Fuß -S mit "I/F" (Rundmutter/Schraube) am Fuß -L.



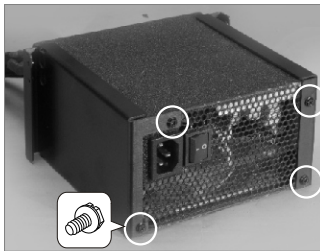
Befestigen Sie den Fuß mit Schraube "B" und stellen Sie den Winkel ein.



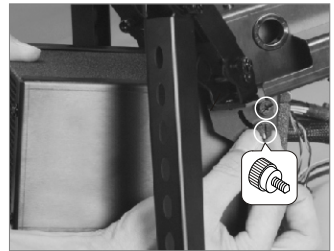
Bodenplatte mit Klammer (zum Festklemmen von Leitungskabeln)



Netzteil-Stützhalter mit Gummipolster



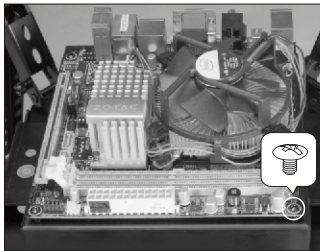
Befestigen Sie den Netzteil-Stützhalter mit Schraube "D" am Netzteil.



Befestigen Sie das Netzteil mit Schraube "B" am Hauptplatinenträger.



Setzen Sie den Abstandhalter "C" auf die Befestigungspunkte des Hauptplatinenträgers
Werkzeug: Sechskantschlüssel

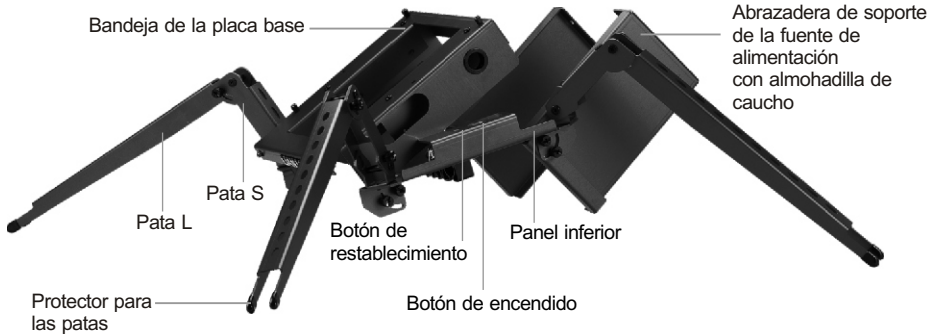


Legen Sie den Hauptplatinenträger auf die Abstandhalter und befestigen Sie ihn mit den Schrauben "A".

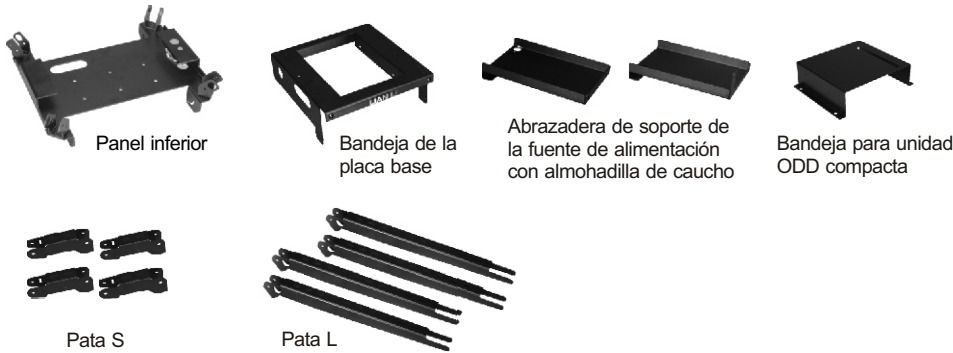


* Winkel & Höhe sind verstellbare

Vista de la carcasa



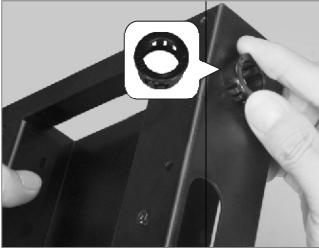
Componentes de la carcasa



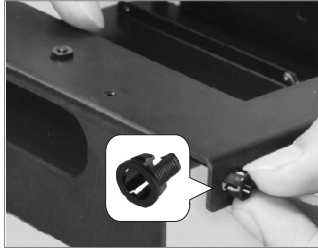
Lista de materiales

* Algunos materiales se incluyen en cantidades superiores a las necesarias para su uso como piezas de repuesto.

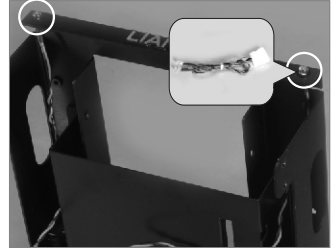
A		Tornillo (4) de montaje de la placa base M3 x 5mm	B		Tornillo de apriete manual (16)	C		Separador (4) de montaje de la placa base
D		Tornillo (4) de montaje de la fuente de alimentación	E		Tornillo de 3 x 6 mm (4) para la bandeja para unidad ODD compacta	F		Tornillo (16) para las patas
G		Tornillo (4) para unidad ODD compacta M2 x 4mm	H		Tornillo (4) para unidad HDD de 3,5 #6-32 x 6mm	I		Tuerca redonda (8)



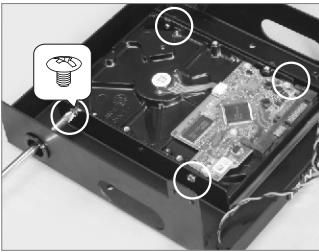
Instale las arandelas de caucho en la bandeja de la placa base.



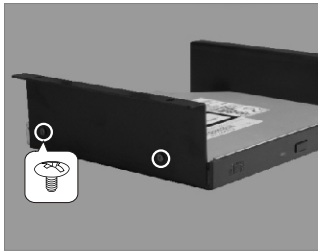
Instale las arandelas de caucho para indicador LED en la bandeja de la placa base.



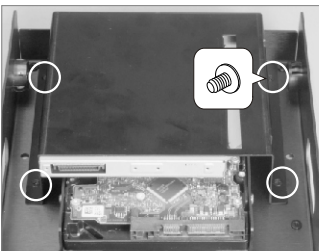
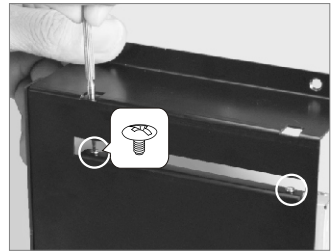
Instale los cables de indicador LED.



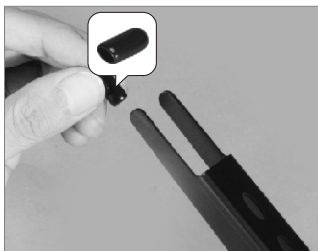
Coloque la unidad HDD en la bandeja de la placa base y use tornillos de tipo "H" para fijarla.



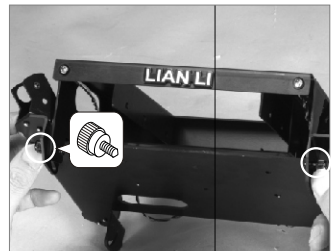
Coloque la unidad ODD compacta en la bandeja de la placa base y use tornillos de tipo "G" para fijarla.



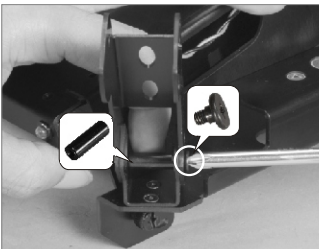
Use tornillos de tipo "E" para fijar la unidad ODD a la bandeja de la placa base.



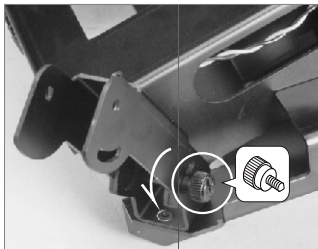
Pata L con protector.



Use tornillos de tipo "B" para fijar la bandeja de la placa base al panel inferior.



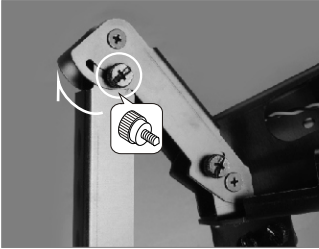
Use tuercas redondas/tornillos de tipos "I/F" para fijar las patas S a la bandeja de la placa base.



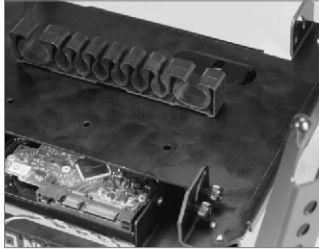
Use tornillos de tipo "B" para fijar las patas S y ajustar el ángulo.



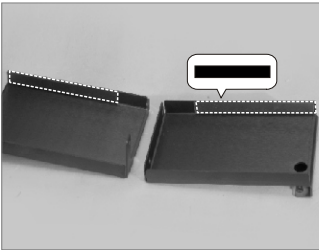
Use tuercas redondas/tornillos de tipos "I/F" para fijar las patas S a las patas L.



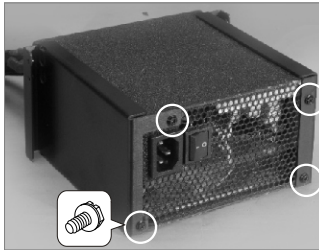
Use tornillos de tipo "B" para fijar las patas y ajustar el ángulo.



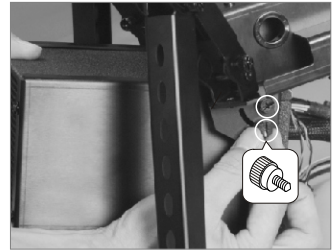
Panel inferior con abrazadera (permite mantener los cables ordenados).



Abrazaderas de soporte de la fuente de alimentación con almohadillas de caucho.



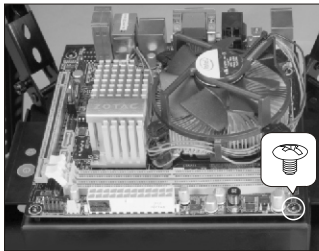
Use tornillos de tipo "D" para fijar las abrazaderas de soporte de la fuente de alimentación a la fuente de alimentación.



Use tornillos de tipo "B" para fijar la fuente de alimentación a la bandeja de la placa base.



Coloque separadores de tipo "C" en los puntos de fijación de la bandeja de la placa base
Herramienta: llave hexagonal.



Legen Sie den Hauptplatinenträger auf die Abstandhalter und befestigen Sie ihn mit den Schrauben "A".



* Ángulo y altura ajustables.